

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A double walled anchor for an intra-luminal stent-graft, comprising in combination:

an inner wall surrounding and defining a primary fluid conduit extending through said anchor;

an outer wall outboard from an exterior of said inner wall; at least one void between said inner wall and said outer wall, said void adapted to be filled with fixation media; and

~~a first at least one of said walls having a contour generally defining an arm formed in said inner and outer walls to surround and define a first surrounding and defining at least one lateral fluid conduit joining with said primary fluid conduit; and~~

~~a second arm formed in said inner and outer walls to surround and define a second lateral fluid conduit joining with such primary fluid conduit, wherein said first and second arms extend in opposite lateral directions.~~

Claims 2.-3. (Cancelled)

4. (Original) The double walled anchor of claim 1 wherein fixation media is included within said at least one void.

5. (Original) The double walled anchor of claim 4 wherein said fixation media includes a gas.

6. (Original) The double walled anchor of claim 4 wherein said fixation media includes a liquid.

7. (Original) The double walled anchor of claim 4 wherein said fixation media includes a solid.
8. (Original) The double walled anchor of claim 4 wherein said fixation media includes a gel.
9. (Original) The double walled anchor of claim 4 wherein said fixation media includes a foam.
10. (Original) The double walled anchor of claim 1 wherein both said inner wall and said outer wall are formed from a material which is sufficiently flexible to allow said outer wall and said inner wall to be collapsed onto an elongate catheter beneath a sheath for intra-luminal implantation of said anchor.
11. (Original) The double walled anchor of claim 10 wherein both said inner wall and said outer wall are substantially inelastic.
12. (Original) The double walled anchor of claim 11 wherein said inner wall and said outer wall are each formed at least partially from parylene.
13. (Original) The double walled anchor of claim 12 wherein a liner is provided adjacent said inner wall and inboard of said inner wall, said liner including at least one opening adjacent said at least one lateral fluid conduit, such that fluid flow between said lateral fluid conduit and said primary fluid conduit can occur through said opening in said liner.
14. (Original) The double walled anchor of claim 12 wherein a liner is provided adjacent said inner wall and inboard of said inner wall, said liner being closed adjacent said at least one lateral fluid conduit, such that said liner blocks fluid flow between said lateral fluid conduit and said primary fluid conduit.
15. (Original) The double walled anchor of claim 1 wherein at least one interconnection is provided within said at least one void, said interconnection spanning said void

between said inner wall and said outer wall, said at least one interconnection formed of a sufficiently inelastic material such that said interconnection controls expansion of said void when said void is filled with fixation media.

16. (Original) The double walled anchor of claim 15 wherein said at least one interconnection includes a plurality of quilting walls extending between said inner wall and said outer wall.

17. (Original) The double walled anchor of claim 15 wherein said at least one interconnection includes a plurality of quilting regions extending between said inner wall and said outer wall.

18. (Original) The double walled anchor of claim 1 wherein a substantially tubular graft is coupled to said anchor, said graft extending away from said anchor in a manner extending a length of said primary fluid conduit beyond said anchor and within said graft.

19. (Original) The double walled anchor of claim 18 wherein said graft includes an inner wall surrounding and defining said primary fluid conduit extending from said anchor and an outer wall outboard of said inner wall, said outer wall spaced from said inner wall by a void adapted to be filled with a fixation media.

20. (Original) The double walled anchor of claim 18 wherein said graft consists of a single wall surrounding and defining said primary fluid conduit extending from said anchor.

21. (Original) The double walled anchor of claim 1 wherein at least one radially expandable stent is located in a position circumferentially surrounding said arm surrounding and defining said at least one lateral fluid conduit, said stent having a first collapsed diameter and a second expanded diameter, said second expanded diameter having a greater diameter measurement than said first collapsed diameter, said stent adapted to be radially expanded to join said arm of said anchor to a lateral lumen near where the lateral lumen joins

with a primary lumen within which said anchor is located, such that said anchor is at least partially held in place by said stent.

Claims 22-97 (Cancelled)

98. (New) A system comprising:

the double walled anchor of claim 10; and

a delivery catheter adapted for introduction through a femoral artery into an aortic artery, wherein the double walled anchor is carried by the delivery catheter.

99. (New) A system as in claim 98, wherein the delivery catheter comprises a shaper balloon adapted to expand the double walled anchor.

100. (New) A system as in claim 98, wherein the delivery catheter comprises a media delivery tube for delivery fixation media to the anchor.

101. (New) The double-walled anchor of claim 1, wherein the first and second arms are positioned to enter the renal arteries when the anchor is positioned in the aorta.